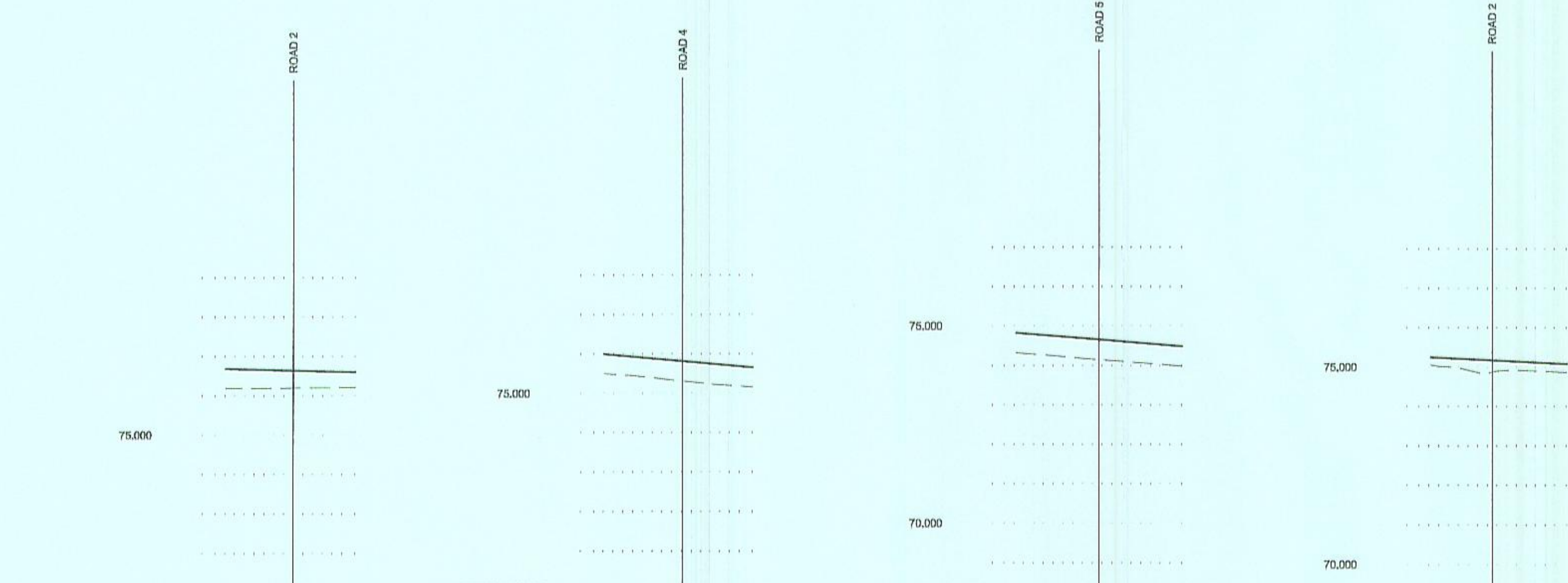


- Notes**
- All levels relate to Ordnance Datum.
  - For adoptable roads and sewer details refer to drawings S\_500 series.
  - Building Drainage**  
3. All connections to adoptable manholes from private building drainage to be 150mm diameter pipes unless otherwise specified.
  - All house drainage to be 100mm dia unless otherwise stated, and laid in accordance with current Building Regulations and BS31: 1995.
  - All drainage products are to be Polypropylene.
  - Pipe bedding material is to be Class B with 150mm minimum thickness surround.
  - Backfill is to be in situ with selected fill free of stones larger than 40mm, lumps of clay over 100mm, timber, breeze material and vegetable matter.
  - Pipe protection of house drainage runs is required in accordance with the Typical House Drainage Details drawing. The contractor shall satisfy themselves and agree with the Site Management the actual extent of pipe protection required.
  - Pipes entering and leaving manholes/inspection chambers shall include a socket pipe, 600mm in length.
  - Blockwork to chambers shall be Class B Engineering to BS3921.
  - Rainwater pipes are to be laid on side elevations whenever possible.
- Drainage**
- All retaining walls with a height of 600mm or greater are to include 1.2m high post and rail fencing unless located in rear gardens. Similar retaining walls in rear gardens are to include 900mm height picket fence.
  - All flights of steps to primary level access, with more than 2 steps are to be provided with handrails, except where the steps are 900mm or more apart.
  - Block retaining walls are to be used in preference to gravel bands for front garden areas.

MARSHALLS ARE TO BE CONSULTED THROUGHOUT THE CONSTRUCTION OF THE POROUS PAVING SYSTEMS TO ENSURE COMPLIANCE WITH THEIR STANDARDS. THE CONTRACTOR'S ATTENTION IS DRAWN TO THE REQUIREMENT FOR THE POROUS PAVEMENT FORMATION TO FALL TOWARDS THE OUTFALL.

INFILTRATION POROUS PAVING SYSTEM - TO BE UNDERLAIN WITH A PERMEABLE MEMBRANE (TERRAM 1000 OR SIMILAR APPROVED)

UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE RELEVANT LOCAL AUTHORITIES, IT SHOULD BE UNDERSTOOD THAT ALL DRAWINGS ARE ISSUED AS PRELIMINARY AND NOT FOR CONSTRUCTION. SHOULD THE CONTRACTOR COMMENCE SITE WORK PRIOR TO APPROVAL BEING GIVEN, IT IS ENTIRELY AT HIS OWN RISK.



**TH1**

CHAINAGE	0.000	8.857	16.825
EXISTING GROUND LEVEL	75.194	75.201	75.208
ALIGNMENT LEVEL	75.854	76.654	76.623
VERTICAL ALIGNMENT	G = -0.800% 1: -200.0		
HORIZONTAL ALIGNMENT			

**TH2**

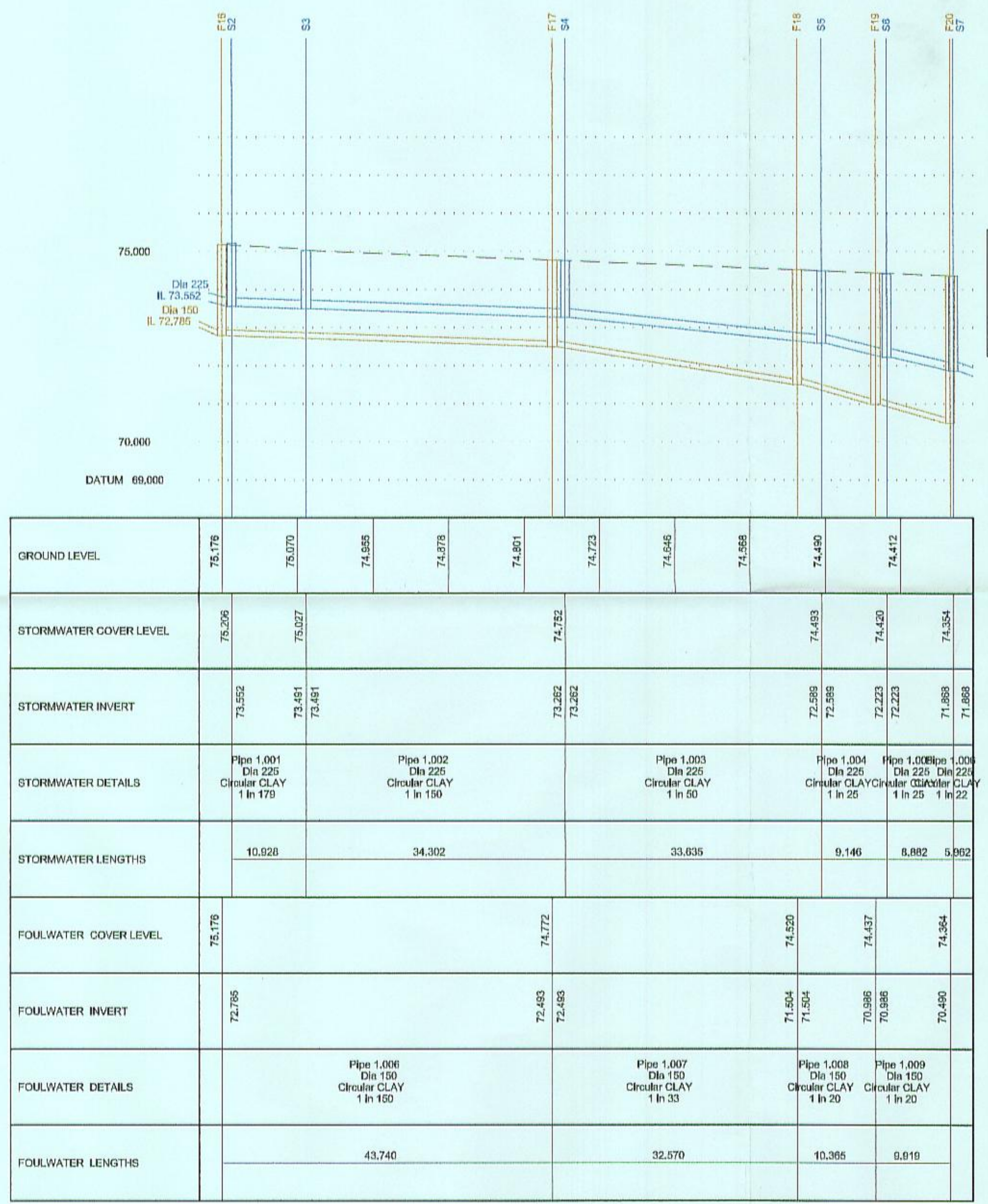
CHAINAGE	0.000	10.009	19.099
EXISTING GROUND LEVEL	75.494	75.313	75.153
ALIGNMENT LEVEL	75.894	75.815	75.653
VERTICAL ALIGNMENT	G = -1.787% 1: -50.0		
HORIZONTAL ALIGNMENT			

**TH3**

CHAINAGE	0.000	18.099	28.000	27.163
EXISTING GROUND LEVEL	74.323	74.164	74.000	73.997
ALIGNMENT LEVEL	74.823	74.653	74.500	74.397
VERTICAL ALIGNMENT	G = -1.000% 1: -62.5			
HORIZONTAL ALIGNMENT				

**TH4**

CHAINAGE	0.000	7.950	10.000	17.500
EXISTING GROUND LEVEL	75.061	74.918		74.568
ALIGNMENT LEVEL	75.251	75.151		75.076
VERTICAL ALIGNMENT	G = -1.000% 1: -100.0			
HORIZONTAL ALIGNMENT				



Rev	Date	Details	By

Drainage Authority Approval Date \_\_\_\_\_

Highway Authority Approval Date \_\_\_\_\_

Do not scale from this drawing. Use written dimensions only. When shown relationships between slab levels and ground levels are to be checked on site. Any discrepancy or suggested modification to be reported to Design and Engineering Director.  
Note: This drawing is the copyright of Bovis Homes Ltd.

**BOVIS HOMES**

Bovis Homes Central Region  
Bromwich Court  
Highway Point  
Gorsley Lane  
Coleshill  
B46 1JU

Tel: 01675 437 000  
Fax: 01675 437 094  
DX: 728340 Coleshill 2

**Brookbanks Consulting**

6150 Knights Court Solihull Parkway Birmingham B37 7WY  
Tel (0121) 329 4330 Fax (0121) 329 4331  
www.brookbanks.com

SITE: **KINGSMERE, BICESTER KM4**

DRAWING TITLE: **LONGITUDINAL SECTIONS SHEET 3**

DRAWN BY: RM	DATE: 02.09.14	DRAWING NO.:	REV
SCALE: H1:500 V1:100 @ A1	CHECKED/DATE: RH	BICE_5_722	-